TARC

TITUSVILLE AMATEUR RADIO CLUB

MARCH, 1994

NEWSLETTER

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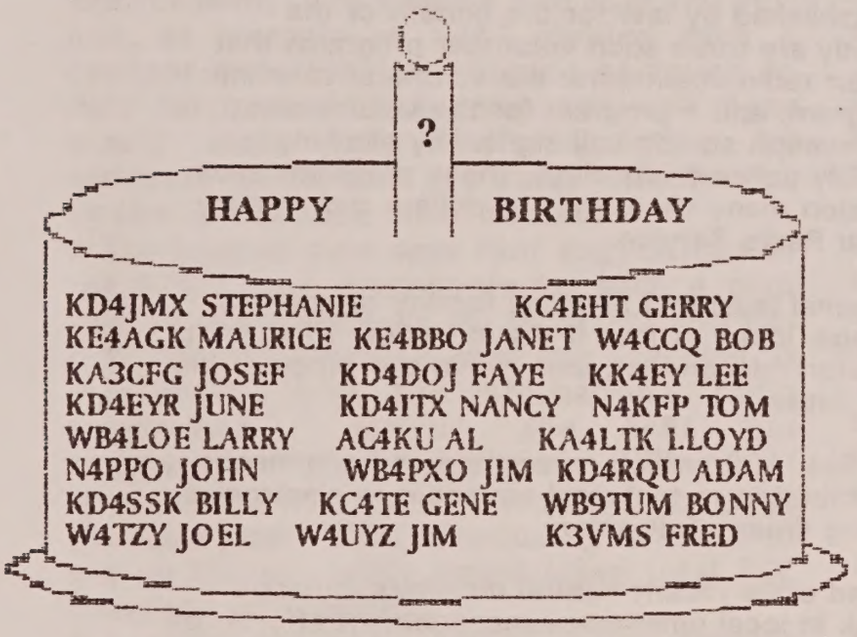
?
HAPPY
BIRTHDAY
KD4JMX STEPHANIE KC4EHT GERRY
KE4AGK MAURICE KE4BBO JANET W4CCQ BOB
KA3CFG JOSEF KD4DOJ FAYE KK4EY LEE
KD4EYR JUNE KD4ITX NANCY N4KFP TOM
WB4LOE LARRY AC4KU AL KA4LTK LLOYD
N4PPO JOHN WB4PXO JIM KD4RQU ADAM
KD4SSK BILLY KC4TE GENE WB9TUM BONNY
W4TZY JOEL W4UYZ JIM K3VMS FRED

PRESIDENT'S CORNER

By Bud Hughes K4CWG

The TARC no-code radio class is progressing beautifully. There are 26 students and all are eager to get their license. As a matter of fact, there are those who have taken the exam for their license prior to the conclusion of the eight week class term. Also there are class members who are joining the club before getting their license. Class attendance by the students and their interest in the study material will certainly result in a harvest of new hams, and we all welcome them into amateur radio.

Thanks to Jose, KC4VIO and his staff of volunteer instructors and to all club members for their attendance and encouragement to the class.

FOX HUNT BULLETIN: Let it be known that the team of John KB3GK and John K4JYX has out foxed the gang again. If it were not for KC4YDP, Jerry, and his son Jasz, we would have been skunked. I only regret that I did not have a camera to capture the evidence of true fox hunters when Jerry and Jasz came out of the woods. To the foxes - K4JYX and KB3GK - you done it this time but according to Joe KE4AEB, he was on your trail and can't wait for the next shot at finding that elusive ole' fox.

I must mention the upcoming field day in June. Dan KE4BBR has made arrangements with the Brevard Parks and Recreation Department to secure the dual pavilion for our field day site.

Les K4SJC is hard at work getting all the details worked out for our TARC Hamfest in September.

Be sure and attend the next club meeting - and bring a friend. 73's

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WASHINGTON, DC 20515-0915
(202) 225-3671

DISTRICT OFFICES:
900 DIXON BOULEVARD
COCOA, FL 32922
(407) 632-1776

JIM BACCHUS
15TH DISTRICT, FLORIDA

MEMBER:
BANKING, FINANCE AND
URBAN AFFAIRS COMMITTEE

SCIENCE, SPACE, AND
TECHNOLOGY COMMITTEE

EXECUTIVE COMMITTEE
TOURISM

Congress of the United States

House of Representatives

February 7, 1994

Mr. Clyde Lee
5350 Highway 46
Mims, Florida 32754

Dear Mr. Lee:

Knowing of your interest in issues affecting amateur radio operators, I want to update you about amateur radio legislation I have recently co-sponsored.

I am pleased to co-sponsor of H.R. 2623, the Amateur Radio Volunteer Service Act of 1993. This legislation would limit the personal liability of participants in volunteer programs established by law for the benefit of the Amateur Radio Service. There currently are three such volunteer programs that involve a significant number of amateur radio volunteers: the volunteer examiner system; the volunteer monitoring program; and a program for the volunteer administration of club and military recreation station call signs. By allowing amateur radio enthusiasts to responsibly police themselves, these programs save the Federal Communications Commission many thousands of dollars and person-hours in administration of the Amateur Radio Service.

H.R. 2623 would limit the personal legal and financial liability of amateur radio volunteers for any alleged damage, injury or loss if the individual was acting in good faith, without willful and wanton misconduct, and within the scope of his or her official volunteer function and duties.

I have also co-sponsored H.J. Res. 199, which recognizes and commends amateur radio operators for their contribution to technical advances in electronics and for their valuable assistance during times of disaster.

Following Hurricane Andrew and other recent natural disasters, amateur radio operators were an important link in local emergency management efforts to organize and communicate. This has been the case during many times of crisis. It's important to recognize the importance of this communications system and to free it from burdensome liability regulations. I will actively work to ensure passage of these important bills. Please do not hesitate to contact me with your thoughts and questions.

Sincerely,

Jim Bacchus
Member of Congress

JB:baf

ARRL FILES AGAINST INSTANT LICENSE

From: Newsline Radio

The ARRL said that it would challenge any move toward the creation of an instant ham radio license and it has now put its words on paper and sent them off to the FCC. This, in comments opposing the commission generated proposal to grant immediate on the air privileges to amateur examinees before a license is issued by the Commission.

>The League says that it stands by its previous statement in opposition to a petition for rule making that resulted in the FCC's proposal, in PR Docket 93-267. At that time, the ARRL said in response to a petition by the Western Carolina Amateur Radio Society VEC that such a system was both unlawful and would be detrimental to enforcement. The League said that the FCC had, as recently as 1987, denied such a concept and that the absence of an up to date database of such temporary call signs would make both self regulation by amateurs themselves and rules enforcement by the Commission more difficult.

>The League now says that suggestions in the NPRM that precedents for such a plan exist in other services are incorrect and has reiterated its opinion that such a plan is inconsistent with the international radio regulations. Instead, the ARRL has emphasized that electronic filing of applications with the FCC would accomplish the same goal. This, of reducing the wait to get on the air, while maintaining total FCC oversight at licensing.

>As we've reported, AMSAT North America is in full agreement with the ARRL but the rival National Amateur Radio Association, many VEC's and several prominent radio clubs have gone on the record of favoring an instant licensing plan. NARA and a number of radio clubs say that in lieu of self assigned call signs, each VEC should have a previously assigned block of calls that it can issue on the spot. Most of those in favor of instant licensing are however demanding that the FCC include better safeguards against bootlegging than are in the original commission proposal. The reply comment cutoff date for this proposal is February 10. Look for a decision on this one fairly early.

RF STANDARDS OPPOSED

From Newsline Radio

The ARRL has told the FCC that a proposal to adopt new standards for exposure to radio frequency radiation should be terminated.

>The League said that the proposal, which would change the Commission's guidelines to match those adopted by the American National Standards Institute (ANSI) and the Institute of Electrical and Electronic Engineers (IEEE) in 1992, was premature, and more properly should have been introduced as an FCC notice of inquiry.

>The ARRL said that the ANSI/IEEE standards were not properly delineated and not a proper bases for evaluating communications facilities. The new standards would replace less stringent standards adopted in 1982.

>The League said that an FCC Report and Order in 1987 that concluded that amateur stations should be exempted from such RF exposure guidelines, because amateur stations operate only intermittently, and at low power levels, still applies. Only rarely, the League said, would amateur stations even exceed the proposed, more stringent 1992 ANSI/IEEE standard.

>The League said that the FCC's proceeding should be terminated in favor of more study, by a more appropriate government agency, such as the Environmental Protection Agency, or else by an FCC notice of inquiry.

>This proposal, in ET Docket 93-62, was made in the Spring of 1993 and its comment deadline has been extended several times, most recently to January 25, 1994, based on a request by CBS Inc. The reply comment deadline is February 24, 1994.

THIS WEEK IN AMATEUR RADIO UPDATE

From Newsline Radio

A quick correction. A few weeks age we reported on the return of This Week in Amateur Radio to the satellite bands. Unfortunately, we got the transponder wrong.

>This Week in Amateur Radio can be found on Galaxy 3 Transponder 17 with 5.8 MHz audio, not on Transponder 19 as reported.

RED CROSS NEEDS HAMS
From Newsline Radio

In the wake of the January 17th Northridge earthquake, the Los Angeles chapter of the Red Cross says that it is in very desperate need of hams to provide help on weekdays and weekday evenings filling shifts in its quake relief shelters. Weekdays pose a real problem, as many of their volunteers have regular jobs. If you are going to Los Angeles, have a two meter hand-held and have at least six free hours, please call Jim Prince at area code (213) 739-4510. This Red Cross says that this work is vital to those made homeless by the recent quakes, so please consider donating some time.

GEORGIA BILL INTRODUCED

A bill introduced in the Georgia Legislature that would eliminate the effect of restrictive property covenants on amateurs is believed to be the first of its type in the nation, according to Georgia Section Manager Jim Altman, N4UCK.

>The bill, H.B.1134, would prevent all new and renewed covenants from regulating, controlling, or restricting antennas owned and operated by licensed amateurs in the state.

>Altman said that, in Georgia, all restrictive covenants have a life of 20 years,but can be renewed. This law, in banning new and renewed covenants, would leave the existing covenants in place until their natural expiration, and prevent new ones. Over the next 20 years, all existing covenants would disappear.

>The bill was initially referred to the State Bar committee on real property law, which gave the measure a "do pass" recommendation.

Amateurs in Georgia are urged to contact their state legislators and urge their support of H.B.1134.

WHAT TO DO IF YOU'RE FACED WITH ANTENNA RESTRICTIONS
From QST - February, 1994

The first step is to determine the nature of the restrictions. Overly restrictive town or city zoning ordinances are completely different from private deed restrictions and must be dealt with as such. It's important to know the differences between them. Give the ARRL Regulatory Information Branch (RIB) a call if you find that you're unreasonably restricted by your town or city based on one or more of the following: antenna height, setback limits (this is, the distance between the tower and adjoining property) interference potential or excessive permit costs.

>The FCC Rule Book, published by the ARRL, is an excellent resource for amateurs faced with zoning restrictions. Chapter 3 is devoted to helping amateurs overcome antenna restrictions. The appendix contains the entire PRB-1 document. What is PRB-1? PRB-1 resulted from an ARRL request to the FCC in the early 1980s. It's a limited preemption order that did three things: 1. It stated a "strong federal interest" in amateur communications and said that state and local regulations that preclude amateur communications are preempted; 2. It required local municipalities to make "reasonable accommodation" for amateur communications in ordinances that involve placement, screening or height of antennas based on health, safety or aesthetic considerations; 3. It cautioned land-use planners that local regulations must "represent the minimum practicable regulation" to accomplish the local authority's legitimate purpose.

 Drucker

JANUARY MEETING

By Bobbi Sue KE4BBS - Secretary

The meeting was called to order at 1910 hours by Bud, K4CWG, before a "packed house" of enthusiastic members and guests. The Pledge of Allegiance, a "moment of silence", and selfintroductions followed; and the rather "Historic" January meeting was under way!

New and old business matters were comingled, and the following items were addressed:

1. Bud K4CWG noted that to reduce mailing costs the newsletter will be available for pick-up at the monthly meetings.

2. KC4VIO Jose will offer a no-code tech course starting Feb. 1. You may recall that Jose's class of '93 brought us some 20 new members. Jose asked for volunteer instructors to assist in the classes in the same manner as last year.

3. KC4VIO Jose summarized plans for the Mosquito Net's "special event" activity coming up on Saturday, March 12, which is in recognition of Brevard County's 150th birthday, and it couples with the county's theme: "From Mosquitos To Missils". KC4VIN, Carole and KC4VIO, Jose, will program a "Mosquito Blitz" to promote ourselves, as well as Brevard County. Those interested in participating, contact Carole or Jose for details.

4. KE4AGL Ralph brought us up to date on the county emergency plan status. ARES and RACES now have joined hands and will develop some plans under the banner BEARS (Brevard Emergency Amateur Radio Service). It was noted from the floor that this acronym might already be in use by another organization. Ralph circulated a questionnaire intended to generate TARC readiness data, and to seek volunteer help for response to area emergencies.

5. Sherry Hughes is preparing an order for more TARC logo shirts. Those interested in purchasing a shirt should contact her. Price is $13.

6. KC4SYD Cliff passed on a request from the Jaycees to provide a communications support network during their fireworks show at the TICO Recreation Vehicle Rally on Jan. 26. He also shared a thank you card from Mary Schwager N4VIO, wherein she expressed Kennedy Point Yaght Club's appreciation to TARC for providing the judges at their Christmas lighted boat parade. Mary also wrote that the Yaght Club would like to make it a tradition for TARC to judge the annual parade.

7. K4BYH Bill, a guest, briefed the members on the 3rd annual Sun Day Challenge - an alternative energy vehicle rally - which is scheduled for March 26/27 at Universal Studios at 1100 hours. Those interested, call me for more details.

8. KC4VIN Carol noted a correction in the Jan/Feb newsletter. The Mosquito Net anniversary picnic will be on Sunday, 3/27 - NOT 3/26.

Bud called for a "rest-the-ears" and "shift-the-gears" break. Thanks to KD4VFQ-Kay, it was most enjoyable. Lots of goodies. Kay, thanks ever so much for spoiling us!.

Then arrived an Historic moment in TARC's annals! Our own Sahib - Cliff KC4SYD - appeared in authentic "Saudi" garb. A white robe-like outer garment and a red/white head scarf held in place by a black headband, and he told us the correct names for all of those, and it was all quite real and breath taking! Cliff certainly did entertain us, surprise us, and educate us regarding the mores and customs of that part of the world.

And then, arrived another historic moment in TARC's annals! This "apparition" suddenly appeared! Right in front of his Jehabla and his sandals! She had on some veils, some arm bands, and some cymbals that made noise, and a smile. In radio talk, it was like a whole bunch of high frequency sine waves looking for a dipole! Sahib Cliff was completely surprised by this brush with his past, and he is looking to even up the score with those responsible!

Everyone appreciated the presentation, Cliff, and are still talking and chuckling about it!

It seemed to me like we all rather just buzzed around the hall for a while after the meeting, almost reluctant to let it end! It was that kind of evening and that kind of fun!

TREASURER'S REPORT - YEAR TO DATE
By K4EOS, Clyde Lee

BALANCE FORWARD FROM 1993	518.90
DEPOSITS: 50/50,ARRL,dues,donations dues,hamfests,interest,TARCFEST, loan,stu.fees,Xmas pty.,shirts	496.00
TOTAL INCOME	1014.90
EXPENSES: ARRL.bnk.chgs,Bud loan gifts,Ins.Off.supp,POBox,postage, printing,stu.bks tel, Xmaspty., Exam. fees,fldday, TARCFEST, hamfest,inc.fee,j c's,reptr,	402.64
BALANCE AS AT 01/31/93	612.26
Bud's loan bal.as at 12/31/93	311.50
Paidthrough 01/31/94	150.00
BALANCE DUE BUD	161.50

EDITOR'S DESK
By Clyde K4EOS

I would like to take this opportunity to publically thank Fred, K4DII for his contributions to this newsletter. Every week he brings us a wealth of articles from his VMS News Network. Fred, we really appreciate the time and effort and money you expend in getting this material to us. The recipes you bring to Becky are a mixed blessing. The food is delicious, but I eat too much.

>I would also like to thank our newly elected club secretary, Bobi Sue Wood, KE4BBS for her prompt submittal of minutes. I know all of you who do not attend the meetings will enjoy reading about them.

We would still like to have more local news. The deadline for submitting articles each month is the 15th.

THE DOCTOR IS IN
From QSL - February, 1994

Q. Sydney Jump, KA1OWJ, asks, "Is there any way to test a balun before you actually use it on the air?"

A. You can test a balun by connecting a simulated antenna load on the output (antenna) side of the balun. Connect your transmitter (with an SWR meter) on the input side. In the case of a 4:1 balum, use a 160 to 240-Ω resistor as your simulated antenna. If the balun is functioning properly, you should see a low SWR - less than 1.5:1 - when you key your transmitter. This means that the 4:1 balun is matching the nominal 200-Ω load to 50 (200/4=50). If you have a 1:12 balun, you can use the same test. Simply substitute a 40-Ω to 60-Ω resistor for the load. The catch is that the load resistors must be noninductive and capable of dissipating the output power of your transmitter. Even if you turn your transmitter output down to 10 watts, you'll still need a heavy-duty 10-watt resistor.

Q. Carolyn Sullivan, KE4CHI, asks, "I'm using a vertical antenna on 80 meters. I'm able to communicate just fine over long distances, but my local coverage is lacking. The hams in the North Carolina ARES net say that my signals are consistently weak. What could cause this?"

A. The difficulty may be in the type of antenna you're using. Vertical antennas feature low-angle radiation patterns. This is ideal for long-distance communications, but nearby contacts may suffer. Your signal may be skipping over the local hams. As an experiment, string up a horizontal wire dipole antenna between a couple of trees about 30 feet off the ground. Check into your net again and see if you receive better signal reports. A dipole has a higher-angle radiation pattern than a vertical. Perhaps your local communication coverage will improve with the dipole. The alternative is to increase the strength of your signal by using a linear amplifier.

HINTS AND KINKS
From QSL - February, 1994

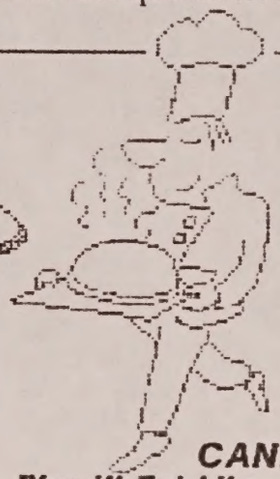
Recently, while transmitting, my Kenwood TS-4405 transceiver went completely dead. By that, I mean there was no power at all - no RF output, no audio, no meter lighting, nothing!

>I immediately suspected a blown fuse in the cord that that connected the rig and its matching power supply. But the fuse was good, and I measured 13.8 V at the connector feeding the rig. I then opened the rig and measured the voltage on the inside of the matching power connector. Zero volts! Further investigation revealed that corrosion on the connector's contacts had caused the problem. I sprayed the connector's pins and sockets with contact cleaner, and plugged and unplugged the cord a few times, and all was okay. A smple fix - and I'd been ready to send the rig for repairs!

>I think it's a good idea to exercise - plug and unplug - and spray connector contacts occasionally, espciallly if your rig uses an external power supply. **K2HG Henry Rainville**, Ventnor, NJ.

While traveling in rural Florida, Clara and I stopped in this quaint little cafe. Here is a copy of their menu.

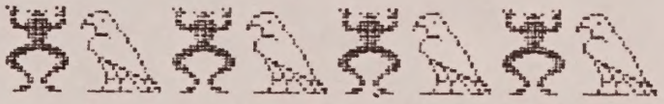
ROADSIDE GAG



"YOU KILL IT --- WE GRILL IT"

ENTREES

Center Line Bovine 4.95
"Tastes real good straight from the hood"
"The Chicken" 3.95
That didn't cross the road
Flat Cat 2.95
"Served as a single or in a stack"

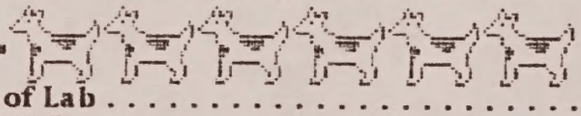


A WALK ON THE WILD SIDE

Chunk of Skunk 1.95
Smidgen of Pigeon 1.95
Road Toad ala Mode 1.65
Shake and Bake Snake 2.25
Swirl of Squirrel 55
Whippoorwill from the Grille 3.30
Narrow Sparrow 55
Rigor Mortis Tortise 6.75

CANINE CUISINE

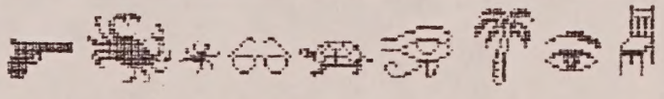
"You'll Eat Like A Hog When You Taste Our Dog"



Slab of Lab 1.95
Pit Bull Parts 1.95
Cocker Cutlets 3.95
Shar'-Pei Pie 5.95
Poodles "N Noodles 5.95
Snippet of WhippeT 4.50
Collie Hit by aTrolley 3.95
German Sheppard Pie 3.95
Round of Hound 4.25

LATE NIGHT DELIGHT

Rack of Raccoon 3.95
Smear of Deer 4.95
Awesome Possum 4.95
Cheap Sheep 43
Once Loose Moose 3.95



BAG 'N GAG

OUR DAILY TAKE-OUT LUNCH SPECIAL

"Something dead served up on Bread"

GUESS THAT MESS

A Daily Special Treat

If you can guess what it is, you eat it free!!

MEMBERSHIP UPDATE

Total Membership: 251 (includes 49 family members & 10 honorary)

New Members: WA4FER DAVID HURST
KR4IXI DARWIN McCOMBS
NOTYET MIKE ELLIXSON
NOTYET NOEL ELLIXSON

Renewals:
KE4AGL RALPH HALL
KA3CFG JOSEF GOEBEL
KC4HMP BARBARA GOEBEL
K4BZJ LES WIDICK
WB1DBZ EMILE MONTPLAISIR
K4EGV CHARMAINE COFFMAN
W0LRC COFFEE COFFMAN
W4EPU PIKE ABEL
KC4HIO RICHARD SWEATT
K4JYX JOHN ADAMS
W4LEW JOHN WALTERS
KB4RBU VERN BAUER
W4UYZ JIM CREEVAY
KD4VFS STEVE MORRIS
N4VIV ALAN SCHWAGER
W4VQB BOB NEDIMEYER
KC4VVG WALT HART
WB4ZUZ WYNN ROSTEK
WB4ZUY THERESA VALLEK

TITUSVILLE AMATEUR RADIO CLUB
P.O.BOX 73
TITUSVILLE FL 32781

HAPPY ST. PATRICK'S DAY!

UPCOMING HAMFESTS

February 26	Stuart, FL
February 26	Dalton, GA
February 26	Brooksville, FL
March 19	Kennehoochee, GA
March 19-20	Ft.Walton Beach, FL
March 26-27	Columbus, GA
April 9	Albertville, AL
April 9	Perry, GA
April 9-10	Gainesville, FL
April 23	Talledega, AL
May 14-15	Birmingham, AL
May 14-15	Toccoa/Hartwell, GA
June 4	Athens, GA
June 18-19	Albany, GA